Ford Escape Advanced Research Fleet

Number of vehicles: 21
Reporting period: Nov 09 - June 11
Date range of data received: 11/01/2009 to 06/30/2011
Number of vehicle days driven: 5,952

All Trips Combined

Overall gasoline fuel economy (mpg)	38
Overall AC electrical energy consumption (AC Wh/mi)[1]	100
Overall DC electrical energy consumption (DC Wh/mi)[2]	66
Total number of trips	26,237
Total distance traveled (mi)	330,267

Trips in Charge Depleting (CD) mode[3]

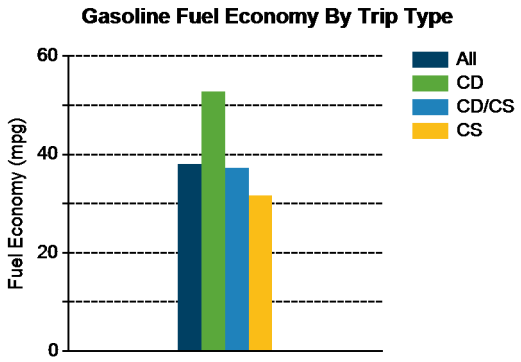
Gasoline fuel economy (mpg)	53
DC electrical energy consumption (DC Wh/mi)[4]	170
Number of trips	14,701
Percent of trips city | highway	84% | 16%
Distance traveled (mi)	83,844
Percent of total distance traveled	25%

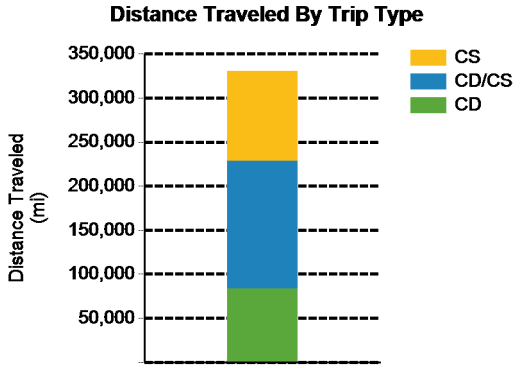
Trips in both Charge Depleting & Charge Sustaining (CD/CS) modes[5]

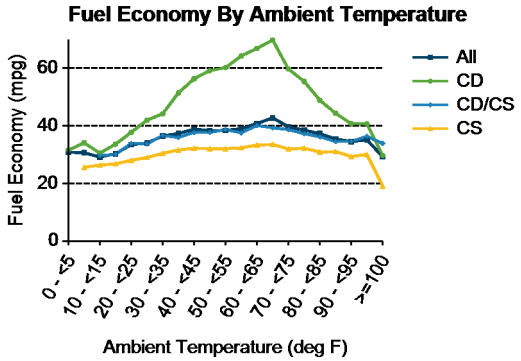
Gasoline fuel economy (mpg)	37
DC electrical energy consumption (DC Wh/mi)[6]	55
Number of trips	5,009
Percent of trips city | highway	38% | 62%
Distance traveled (mi)	144,443
Percent of total distance traveled	44%

Trips in Charge Sustaining (CS) mode[7]

Gasoline fuel economy (mpg)	32
Number of trips	6,520
Percent of trips city | highway	65% | 35%
Distance traveled (mi)	101,979
Percent of total distance traveled	31%







Notes: 1 - 7. Please see http://avt.inl.gov/pdf/phev/fordreportnotes.pdf for an explanation of all PHEV Fleet Testing Report notes.

Since these vehicles are flex-fuel capable, some driving events are conducted with E-85, which may decrease fuel economy results

"The Ford Escape Advanced Research Fleet was designed as a demonstration of customer duty cycles related to plug-in electric vehicles. The vehicles used in this demonstration have not been optimized to provide the maximum potential fuel economy."

Trips in Charge Depleting (CD) mode

	City	Highway
Gasoline fuel economy (mpg)	49	58
DC electrical energy consumption (DC Wh/mi)	170	169
Percent of miles with internal combustion engine off	38%	13%
Average trip driving intensity (Wh/mi)	266	305
Average trip distance (mi)	3	17

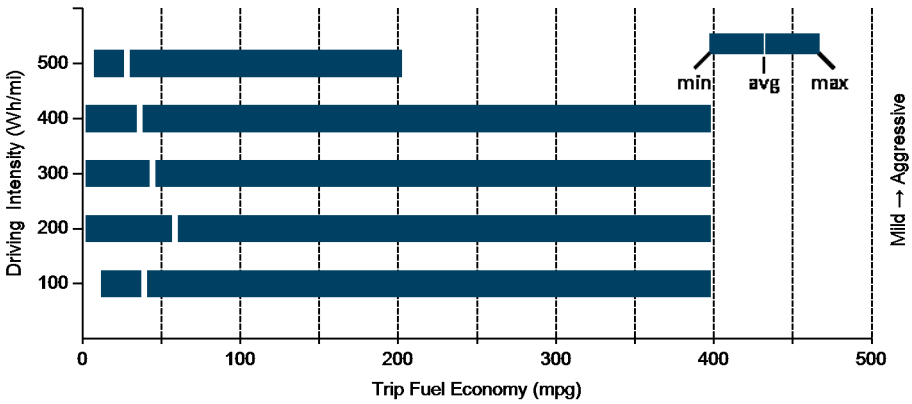
Trips in Charge Depleting and Charge Sustaining (CD/CS) mode

Gasoline fuel economy (mpg)	43	36
DC electrical energy consumption (DC Wh/mi)	77	52
Percent of miles with internal combustion engine off	30%	5%
Average trip driving intensity (Wh/mi)	279	325
Average trip distance (mi)	9	41

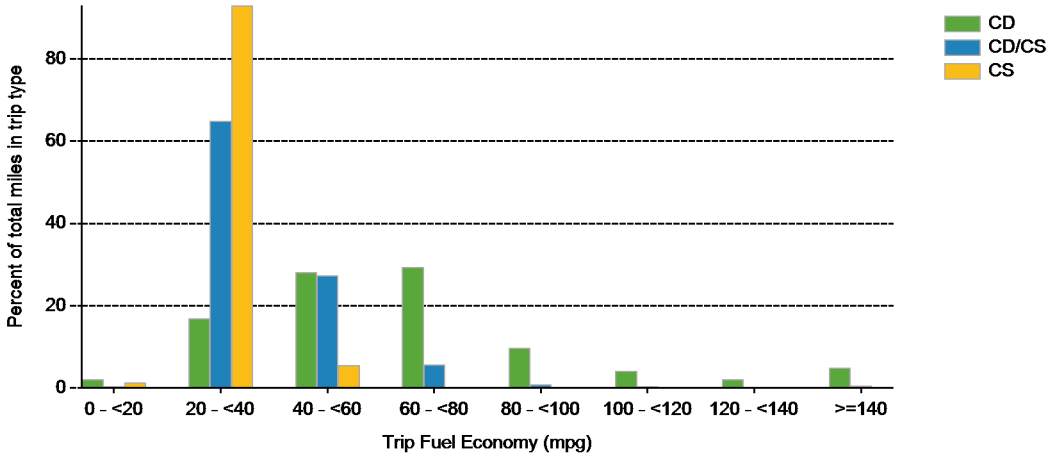
Trips in Charge Sustaining (CS) mode

Gasoline fuel economy (mpg)	30	32
Percent of miles with internal combustion engine off	23%	4%
Average trip driving intensity (Wh/mi)	266	321
Average trip distance (mi)	4	38

Effect Of Driving Intensity (Wheel Energy) on Fuel Economy This Month



Trip Fuel Economy Distribution By Trip Type



Plug-in charging

Average number of charging events per vehicle per month when driven	46
Average number of charging events per vehicle per day when driven	3.1
Average distance driven between charging events (mi)	17.9
Average number of trips between charging events	1.4
Average time plugged in per charging event (hr)	6.1
Average time charging per charging event (hr)	1.3
Average energy per charging event (AC kWh)	1.8
Average charging energy per vehicle per month (AC kWh)	82.1
Total number of charging events	18,412
Total charging energy (AC kWh)	33,067